SIG M8-ME-25A/U

MARINE CORPS STOCK LIST
ELECTRONICS MAINTENANCE
PARTS ALLOWANCE LIST

LIST OF MAINTENANCE PARTS FOR MULTIMETER ME-25A/U

FOR OFFICIAL GOVERNMENT USE ONLY

HEADQUARTERS, U.S. MARINE CORPS
WASHINGTON 25, D C

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GENERAL NOTES

1. PREPARATION OF REQUISITIONS FROM SIG M8 MAINTENANCE PARTS ALLOWANCE LISTS

REQUISITION EXAMPLE

Item No.	Stock Number	Item Name and Unit of Issue	Auth. Allow.	On Hand or On Order	Qty. Req'd.
	Following required for 6 ARMY-NAVY MULTIMETER ME-25A/U on hand (3rd Echelon). Requisition prepared from SIG M8 - ME-25A/U.				
1	2J1N43	CRYSTAL UNIT, RECTIFYING: SIG M8 Item no. 13, each	4	1	3
2	3Z2602.26	FUSE, CARTRIDGE: SIG M8 Item no. 29, each	9	3	6

A. Requisitioning Basis

Requisitions should be written so that maintenance parts desired can be identified as part of the equipment or component for which this SIG M8 manual has been prepared. This information, as well as the number of equipments requiring maintenance support, and the echelon of maintenance, should be entered on the requisition form preceding the listing of items.

B. Item Number

The item number is assigned by the requisitioning unit, in numerical sequence, in order of appearance of the items on the requisition.

C. Stock Number

The stock number, obtained from the corresponding column of the SIG M8 manual, precedes the item name on the requisition and provides the primary means of identifying all components for storage, issue and requisitioning.

D. Item Name and Unit of Issue

(1) Item Name. Following the stock number enter the item name, as obtained from the Item and Description column of the SIG M8

(2) SIG M8 Item Number. Each maintenance part in the SIG M8 manual is associated with a SIG M8 item number for identification and cross reference purposes. This SIG M8 item number should be entered on the requisition following the item name of the maintenance part.

(3) Unit of Issue. Enter the unit of issue immediately following the SIG M8 item number. The unit of issue is obtained from the corresponding column of the SIG M8.

E. Authorized Allowance

Enter the authorized allowance quantity for each item on requisition in the column provided on the requisition form. This authorized allowance is determined as described below:

This SIG M8 manual provides two sets of columns for use in determining authorized allowances. One set of columns, headed "MAINTENANCE", is for use by units responsible for repair only, and the other set, headed "SUPPLY", is for use by activities charged with logistic support only.

(1) Choice of Proper Column for Maintenance. The type of maintenance (organizational, field or depot) which your unit is authorized to perform should be determined from current instructions issued by Headquarters, U. S. Marine Corps, or other appropriate echelon of command. The corresponding maintenance column of the SIG M8 should then be used to determine your stock level.

(2) Choice of Proper Column for Supply. The column headed "FIELD", is for use by supply activities whose primary mission is to furnish direct logistic support to maintenance units. Such supply activities are normally required to stock supplies sufficient to last for 60 days, or more. The column headed "BASE" is for use by depots whose primary mission is to furnish replenishment supplies to other supply units. Such depots are normally required to stock supplies sufficient to last for one year.

(3) General. The authorized allowance shown in the proper column opposite the item name of the maintenance part required, is the authorized allowance for the number of equipments indicated at the head of the column. For example: a Division Signal Company has 3rd echelon maintenance responsibility for 12 equipments. The authorized allowance would be indicated under the 3rd echelon column for 5-20 equipments and no more than this quantity would be requisitioned. For 4th and 5th echelons of maintenance, and field and base supply, if the number of equipments actually being maintained or supplied is different than the unit equipment quantity at the head of the column, the authorized allowance should be adjusted by use of the following formula:

$$\text{Authorized Allowance} = \frac{(\text{Authorized allowance shown}) \times (\text{no. of equipments supported})}{(\text{Number of equipments shown at head of column})}$$

Where fractions result from the use of this formula, use the next higher whole number of parts. (Example: for 1.2 use 2; for 18.9 use 19). Enter this quantity on the requisition under "Auth. Allow.". In order to prevent rapid depletion of depot stocks, organizational, and field maintenance activities should not requisition quantities in excess of those indicated in the applicable maintenance column of this SIG M8.

Activities which have both maintenance and supply functions should use the total quantity of both applicable columns as their stock level for requisitioning initial supplies. Separate columns for maintenance and supply have been included in this SIG M8 in order to provide greater flexibility in use. However, it is not intended that stock for the two functions should be separated in requisitioning, or in storage.

Allowances for major components are not indicated. Such components may be requisitioned on an "exchange basis only", provided maintenance parts for the defective component are not available, or when the repair operation on the defective component cannot be performed by the using organization, or responsible maintenance activity.

The stock quantities indicated in SIG M8 Maintenance Parts Allowance Lists are based on engineering estimates and normal consumption rates for similar items revealed by the Stock Status Report and the Electronics Material Failure Reporting System. It is emphasized that this SIG M8 manual is furnished as an initial guide only. The quantities of maintenance parts requisitioned after the first year should be based on the actual usage experience of the organizations concerned.

F. Quantity

(1) On Hand. Enter quantity in stock at your unit at time of requisitioning.

(2) On Order. Show quantity on order by your unit at time of requisitioning.

(3) Required. Show quantity required to bring stock up to desired level. This quantity is equal to quantity shown in "Auth. Allow." column, minus the quantity "On Hand" and "On Order".

2. MAINTENANCE

A. Marine Corps Maintenance Defined

(1) Marine Corps Manual, Volume II, defines each category of Marine Corps maintenance and pertinent extracts therefrom are quoted below:

"50058 MARINE CORPS MAINTENANCE CATEGORIES

1. Maintenance functions vary from minor preventive operations to highly specialized repair techniques. The various maintenance operations performed on any item of material must be assigned to specific levels of command in accordance with the primary mission, character, and mobility of the commands involved. To clearly define the assignment of maintenance missions and responsibilities of the various supply facilities within the Marine Corps and in keeping with the policy established by the Department of Defense relative to maintenance missions and responsibilities, all maintenance operations have been grouped into three broad categories. (1) organizational, (2), field, and (3) depot. For the purpose of providing further flexibility and accuracy in defining maintenance operations in the Marine Corps, the three broad categories of maintenance have been subdivided into five echelons, which are numbered consecutively from one through five. These numerical terms, as defined in paragraph 50059, are to be used within the Marine Corps where additional definitions are required to indicate more accurately the scope, mobility and capabilities of a maintenance organization or facility; or the personnel, time, tools, equipment, and parts which are available, authorized, or required in connection with a maintenance operation.

a. Each echelon will perform any of the maintenance functions of lower echelons when required. Evidence of abuse or lack of preventive maintenance will be reported to the proper commander for corrective action to insure strict compliance with maintenance instructions.

b. Maintenance by cannibalization, that is, the removal of serviceable parts from one item of equipment for use in repairing another item of equipment will not be employed except:

(1) In extremely urgent cases in forward areas.

(2) As may be specifically authorized by the CMC."

"50059 MARINE CORPS MAINTENANCE CATEGORIES DEFINED

1. Organizational maintenance. Organizational maintenance is that maintenance authorized for, performed by, and the responsibility of, a using organization on its own equipment. This maintenance consists normally of inspecting, cleaning, servicing, preserving, lubricating, and adjusting as required and also may consist of minor parts replacement not requiring highly technical skills. This category incorporates the first and second echelons, as follows:

a. First echelon. First echelon maintenance is that maintenance performed by the user, wearer, or operator of the equipment, in providing the proper care, use, operation, cleaning, preservation, lubrication, and such adjustment, minor repair, testing, and parts replacement as may be prescribed by pertinent technical publications and tools and parts allowances.

b. Second echelon. Second echelon maintenance is the work designated to be performed by specially trained personnel provided for that purpose in the using organization. Appropriate publications authorize the second echelon of maintenance additional tools, and the necessary parts, supplies, test equipment, and skilled personnel to perform maintenance beyond the capabilities and facilities of the first echelon.

2. Field maintenance. Field maintenance is that maintenance authorized and performed by designated maintenance activities in direct support of a using organization (s). This category normally will be limited to maintenance consisting of replacement of unserviceable parts, subassemblies, or assemblies. Field maintenance incorporates the third and fourth echelons as follows:

a. Third echelon. Third echelon maintenance is that maintenance authorized by appropriate publications to be performed by specially trained units in direct support of using organizations. A unit responsible for third echelon maintenance provides maintenance support to one or more using organizations. In special cases, however, third echelon maintenance may be performed by organic maintenance units within the using organization. Third echelon maintenance is authorized a larger assortment of parts, subassemblies, and assemblies, and more precise tools and test equipment than is provided to using organizations. Organizations authorized to perform third echelon maintenance repair subassemblies and assemblies, and repair the overflow from the lower echelons within limits imposed by specified authorizations of tools, parts, and test equipment. They also support the lower echelons by providing technical assistance and mobile repair crews, and repair parts when necessary.

b. Fourth echelon Fourth echelon maintenance is that maintenance authorized by appropriate publications to be performed by units organized as semifixed or permanent shops to serve lower echelon maintenance within a geographical area. In certain cases, Fleet Marine Force units may be authorized to perform fourth echelon maintenance. Fourth echelon maintenance is authorized a larger assortment of parts, subassemblies, and assemblies, and additional and more precise tools and test equipment than the lower echelons. It may furnish mobile repair crews or reinforcing elements to lower echelons when required. The principal function of fourth echelon maintenance is to repair subassemblies, assemblies, and major items for return to the lower echelons.

3. Depot maintenance. Depot maintenance is that maintenance required for the repair of material which requires a major overhaul or complete rebuild of parts, subassemblies, assemblies, and / or the end item as required. Such maintenance is intended to conserve supplies and replenish stocks of serviceable equipment or to support lower levels of maintenance by the use of more extensive shop equipment and personnel of higher technical skill than are available in organizational or field maintenance activities. This category embraces the fifth echelon, which is the highest echelon of maintenance.

a. Fifth echelon. Fifth echelon maintenance is that maintenance authorized for rebuilding major items, assemblies, parts accessories, tools, and test equipment. It normally supports supply on a rebuild and return to stock basis. Fifth echelon operations are scheduled so as to employ production and assembly-line methods whenever practicable."

3 SUPPLY

A. Field Supply

Field supply, in general furnishes direct logistic support to maintenance units. It may support one or several, field and organizational maintenance units. Field supply may be performed by field depots, combat service groups, and other specifically designated units, in direct support of maintenance units.

B. Base Supply

Base Supply furnishes replenishment supplies to other supply units. Such depots are normally required to stock sufficient supplies to last one year, and receive replenishment supplies from other depots, direct from commercial sources, or from other military services.

4. MISCELLANEOUS INSTRUCTIONS

A. This SIG M8 manual is supplementary to instruction books, tables of allowances and tables of organization. It is therefore, essential that this publication be in the hands of all organizations using, or charged with storing and issuing this equipment.

B. The M8 suffix in the identifying heading denotes that this is the Marine Corps' equivalent of the Signal Corps SIG 7 & 8, which is the Army designation for electronic equipment maintenance publications.

C. The column headed "EQUIPMENT MAINTENANCE PARTS" lists the quantity for each maintenance part selected to be part of, and shipped concurrently with, each equipment, or component, as applicable, to be maintained by this SIG M8. The types of items selected as equipment maintenance parts vary depending upon the organization's maintenance capabilities and limitations and the equipment application.

D. Additional copies of this SIG M8 may be requisitioned from the Commanding General, Marine Corps Clothing Depot, 1100 South Broad Street, Philadelphia 46, Pa., Attention: Publications Supply Section.

E. Errors noted in this SIG M8 should be reported promptly to Electronics Maintenance and Catalog Branch, Marine Corps Clothing Depot, 1100 South Broad Street, Philadelphia 46, Pa.

F. Comments and criticism regarding this SIG M8 are invited.

SPECIAL NOTES

1. Multimeter ME-25A/U is the Army-Navy designation for the equipment to be maintained by this SIG M8 Maintenance Parts Allowance List. Multimeter ME-25A/U is a portable combination electronic a-c and d-c voltmeter, ohmmeter and milliameter which can be used wherever it is necessary to make current, resistance and voltage measurements. It is an improved version of the ME-25/U providing peak to peak reading, DB scales removed from meter face, conversion chart provided.

2. Parts listed in this publication may not be identical with the parts actually in the equipment, but they are preferred standardized replacements.

PROMPT REPORTING OF FAILURES

ON

ELECTRONIC FAILURE REPORT

FORM DD 787

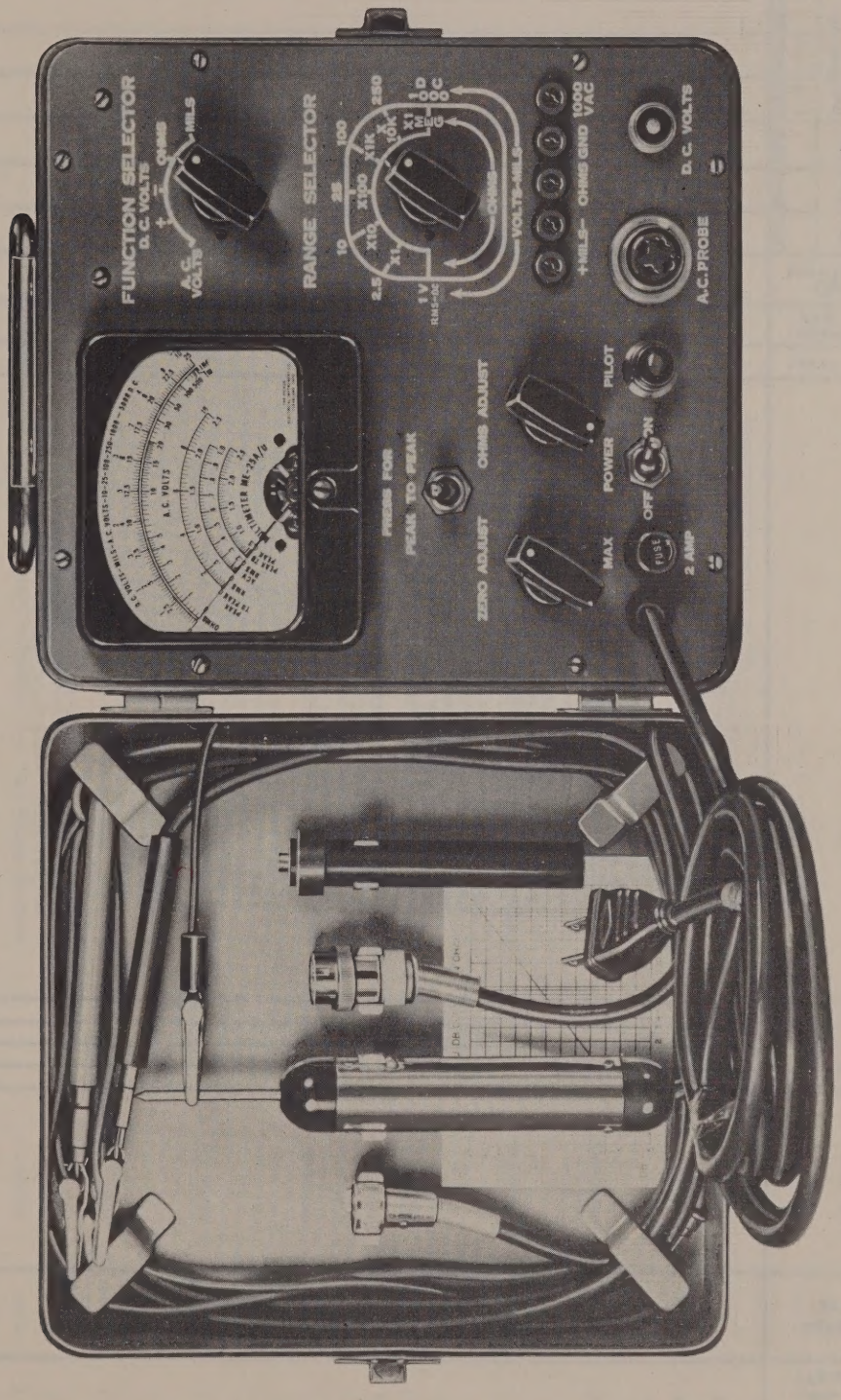
WILL INSURE ADEQUATE SUPPLY OF

MAINTENANCE PARTS

SEE APPLICABLE

ELECTRONICS SUPPLY BULLETIN

MULTIMETER ME-25A/U:



MULTIMETER ME-25A/U

SIG M8 ITEM NO.	REFERENCE SYMBOL	STOCK NUMBER	PART OF MODEL	ITEM NAME AND DESCRIPTION	UNIT OF ISSUE	QUANTITY USED PER ASSEMBLY	EQUIPMENT MAINTENANCE PARTS	MAINTENANCE: AUTHORIZED ALLOWANCE — ORGANIZATIONAL: 2ND ECHELON EQUIP	2ND ECHELON EQUIP	2ND ECHELON EQUIP	MAINTENANCE: STOCK GUIDE — FIELD: REPAIR SHOPS: 3RD ECHELON 1-4 EQUIP	3RD ECHELON 5-20 EQUIP	3RD ECHELON EQUIP	4TH ECH 50 EQUIP	REPAIR SHOP 5TH ECH 100 EQUIP	SUPPLY: STOCK GUIDE — FIELD 50 EQUIP	BASE ONE YEAR 100 EQUIP
1		3F3324-9		METER, MULTIMETER: Army-Navy Multimeter ME-25A/U; electronic volt-ohm-milliammeter, input 115 v, 1 ph, 60 to 1500 cycles; portable; meter ranges 0 to 1000 v ac rms in 7 steps, 0 to 250 v ac peak in 5 steps, 0 to 1000 v dc in 7 steps, 0 to 1000 ma dc in 6 steps, 0 to 1000 meg in 6 steps; basic meter sensitivity 150 ua full scale, basic meter resistance across terminal 1000 ohms ±10%, input resistance dc v 13 meg, input impedance ac v equivalent to resistance of not less than 12 meg in parallel w/ capacitance of not more than 7 uuf; 4 in. rectangular meter, accuracy 2% full scale; gray enameled steel case w/ cover, 9-3/4 in. h by 8-7/8 in. w by 6-19/32 in. deep over-all; incl test leads, ac and dc probes 7 ft power cord for connecting to ac power and Army-Navy Test Prod MX-1101/U; has polarity reversing switch for dc v measurement, test prod extends dc v range to 5000 v, ac prod is of the capacity-diode rectifier type, dc prod has 3.3 meg isolating resistor in handle, conversion chart provided for making db measurements using ac ranges, leads and accessories stowed in cover of case and secured by clips; Hickok part no. 902-153; Navy Spec no. RE-9300-B plus addendum no. 1	ea.													
2				BOOK, INSTRUCTION: operating and maintenance instructions for Multimeter ME-25A/U	ea.	2											

MAINTENANCE PARTS

3	A-101	6F500-17				CASE: combination transit and instrument type; steel, light gray enamel finish; 9-3/4 in. lg by 8-7/8 in. w by 6-19/32 in. deep over-all incl handle, hinges etc; 1 compartment for instrument, clips on inside of lid to secure test leads and accessories when not in use; 1 hinged metal handle on top; 2 separable hinges and 1 pull-down type trunk latch, db conversion chart on inside surface of cover, rubber gasket between cover and case; Hickok Electrical Inst Co part/dwg no. 3145-211	ea.	1									1	1	2
4	A-201	3G2259-1.1				SLEEVE, INSULATING: for v dropping resistor; red phenolic; approx 0.625 in. od by 0.335 in. id by 4 in. lg over-all; marked TEST PROD MX-1101/U; threaded 3/8 in.-24 on 1 end, 1/4 in.-32 on other end; Hickok part/dwg no. 8900-35	ea.	1								1	1	1	3
5	BT-101	3A30				BATTERY, DRY: Sig C Battery BA-30, Navy type no. 19031; JAN type no. BA-30; 1-1/2 v; cylindrical; 1-5/16 in. dia by 2-3/8 in. lg metallic case; 2 flat surface terminals, 1 brass cap pos terminal, bottom surface of case is neg terminal; 1 "D" cell; Spec no. JAN-B-18A	ea.	1											
6	C-101 C-102	3DA50-292				CAPACITOR, FIXED, PAPER DIELECTRIC: 50,000 uuf ±20%; 600 v dc working; hermetically sealed metal case; 1-11/16 in. lg by 11/16 in. dia; mineral oil impregnated; 2 axial wire leads no. 20 AWG, 1-1/2 in. lg; no internal ground connections; mounts by terminal; Spec no. JAN-C-25; JAN type no. CP26A1EF503M	ea.	2								1	2	1	8
7	C-103 C-109	3K3010221				CAPACITOR, FIXED, MICA DIELECTRIC: 1000 uuf ±10%; 500 v dc working; temp coef letter B; 53/64 in. lg by 53/64 in. w by 9/32 in. thk; molded low-loss bakelite case; 2 axial wire lead terminals 1-1/8 in. lg; Hickok part/dwg no. X-3095-9; Spec no. JAN-C-5; JAN type no. CM30B102K	ea.	2								1	2	1	8
8	C-104	3K3547221				CAPACITOR, FIXED, MICA DIELECTRIC: 4700 uuf ±10%; 500 v dc working; temp coef letter B; 53/64 in. lg by 53/64 in. w by 11/32 in. thk; molded low-loss phenolic insulation; 2 axial wire lead terminals; Hickok part/dwg no. X-3095-17; Spec no. JAN-C-5; JAN type no. CM35B472K	ea.	1								1	1	1	4
9	C-105 C-106	3K2047121				CAPACITOR, FIXED, MICA DIELECTRIC: 470 uuf ±10%; 500 v dc working; temp coef letter B; 51/64 in. lg by 15/32 in. w by 7/32 in. thk; molded low-loss bakelite case; 2 axial wire leads, no. 20 AWG, 1-1/8 in. lg; Spec no. JAN-C-5; JAN type no. CM20B471K	ea.	2								1	2	1	8
10	C-107	3DA50-389				CAPACITOR, FIXED, PAPER DIELECTRIC: 50,000 uuf ±10%; 400 v dc working; wax coated paper case; 11/16 in. lg by 7/16 in. dia; wax impregnated; 2 axial wire leads terminal; mounts by terminal; Aerovox part no. P82; Hickok part/dwg no. 3105-103	ea.	1								1	1	1	4
11	C-108	3DB10-62				CAPACITOR, FIXED, ELECTROLYTIC: 10 uf; 450 v dc working; operating temp range -20°C to +65°C; 3/4 in. dia by 2 in. lg; tubular metal case; 1 solder lug terminal same end as mounting; neg terminal internally ground; mounted by 2 twist lugs; 1 lug has hole for soldering; Mallory type no. FP-142; Hickok part/dwg no. 3085-25; Navy type no. 482343	ea.	1							1	2	4	2	20
12	C-109	3K3010221				CAPACITOR - Same as C-103																	

SIG M8 ITEM NO.	REFERENCE SYMBOL	STOCK NUMBER	PART OF MODEL	ITEM NAME AND DESCRIPTION	UNIT OF ISSUE	QUANTITY USED PER ASSEMBLY	EQUIPMENT MAINTENANCE PARTS	MAINTENANCE AUTHORIZED ALLOWANCE ORGANIZATIONAL 2ND ECHELON	MAINTENANCE STOCK GUIDE FIELD REPAIR SHOPS 3RD ECHELON 1-4 EQUIP	MAINTENANCE STOCK GUIDE FIELD REPAIR SHOPS 3RD ECHELON 5-20 EQUIP	MAINTENANCE STOCK GUIDE FIELD REPAIR SHOPS 4TH ECH EQUIP	MAINTENANCE STOCK GUIDE DEPOT REPAIR SHOP 5TH ECH EQUIP	SUPPLY STOCK GUIDE FIELD 50 EQUIP	SUPPLY STOCK GUIDE BASE ONE YEAR 100 EQUIP
13	CR-101	2J1N43		CRYSTAL UNIT, RECTIFYING: germanium type; 40 ma max continuous forward current; 100 ma max peak forward current; 60 v peak inverse voltage; 1/2 to 1-1/2 uuf shunt capacitance; body 1/2 in. max lg, 0.236 in. dia excluding terminations; mounts by terminal; 2 wire pigtail terminals, radial at ea end; Spec JAN-1A; JAN type no. 1N43	ea.	1	2		1	4		20	41	41	410
		OR													
14	CR-101	2J1N34		CRYSTAL UNIT RECTIFYING: germanium type; ceramic body w/ nickel ferrules and nickel wire leads; 50 v peak inverse anode v, 60 ma peak anode cur; 9/32 in. dia by 3/4 in. lg w/ axial wire leads 1-1/2 in. lg; mounts by leads; Spec JAN-1A; JAN type no. 1N34	ea.	1	2								
15	E-101	2Z5952		LAMP, INCANDESCENT: Sig C Lamp LM-52, Navy type TB-14; 6 to 8 v, 0.15 amp; bulb T-3-1/4 clear, 1-1/8 in. lg over-all; miniature bayonet base; C-2 fil; burn any position; Sylvania Prod type S-47; Hickok part no. 12270-12	ea.	1	2			3		2	25	15	130
16	E-102	3F3705-6.3		TIP, TEST PROD: straight type; brass; nickel plated finish; over-all dim., 2.187 in. lg, 0.156 in. dia; 8-32 NCT-2 thd section 0.187 in. lg one end; conical point other end; Hickok part/dwg no. 16976-9, Alternation C	ea.	1	2			1		1	1	1	6
17	E-103 E-104	2Z5821-139		KNOB: bar; black phenolic; for 1/4 in. dia shaft; fastened by single no. 8-32 setscrew; white dot marking; 1-9/32 in. lg by 7/8 in. w by 13/16 in. h over-all; shaft hole 3/4 in. deep by 0.251 in. - 0.253 in. dia; bar 1-7/32 in. lg at top, bar thk increases from 7/16 in. to 1/2 in., 2 countersunk holes 9/32 in. deep on 7/8 in. c to c on bottom, shaft hole countersunk 5/8 in. dia by 1/8 in. deep; Hickok part/dwg no. 11505-46	ea.	2						1	1	1	6
18	E-105 E-106	2Z5821-140		KNOB: bar; black phenolic; for 1/4 in. dia shaft; fastened by single no. 8-32 setscrew, white dot marking; 1-13/32 in. lg by 7/8 in. w by 13/16 in. h over-all; shaft hole 3/4 in. deep; small metal pointer on lower front edge; Hickok part/dwg no. 11500-11	ea.	2						1	1	1	6
19	E-107	3Z3285-2.1		FUSEHOLDER: extractor post type; for single 3AG cartridge type fuse 1-1/4 in. lg by 1/4 in. dia; molded black bakelite; 15 amp at 250 v max; 11/16 in. dia by 2-9/64 in. lg over-all; body thread 1/2 in.-24 for mtg in 17/32 in. dia panel hole; 2 solder lug terminals; Bussman type HKP; Hickok part no. 8825-14	ea.	1						1	1	1	6
20	E-108	3Z770-22.1		BOARD, TERMINAL: resistor capacitor mtg; 22 silver plated brass turret lug terminals; 2 rows terminals spaced 1-1/4 in. apart on 5/16 in. centers; phenolic board; 4-5/16 in. lg by 1-5/8 in. w by 1/8 in. thk over-all; 2 mtg holes 3/16 in. dia spaced 3-15/16 in. c to c; Hickok part/dwg no. X-2420-63	ea.	1								1	4
21	E-109	2Z8304.275		SHIELD, ELECTRON TUBE: nickel plated; cylinder; bayonet mtg 0.95 in. min id by 1-15/16 in.; conical spring inside top; JAN type TS103U02	ea.	1						1	1	1	4

22	E-110	2Z8304.277					SHIELD, TUBE: nickel plated; cylinder; bayonet mtg; 0.81 in. min id by 2-1/4 in. lg; conical spring inside top; JAN type no. TS102U03	ea.	1										1	1	1	4
23	E-111	3Z770-12.47					BOARD, TERMINAL: insulated mtg for fixed resistors and capacitors; 12 silver plated brass turret lug terminals; spacing between terminal 1/2 in. min; phenolic board; 4-5/16 in. lg by 3-1/2 in. w by 1/8 in. thk over-all; 4 mtg holes 5/32 in. dia on 1-7/16 in. by 4 in. mtg center; Hickok part/dwg no. X2420-118	ea.	1												1	4
24	E-112	3Z4220-5.1					PROD, TEST: nickel plated brass tip w/ red plastic insulated handle; 5 in. lg by 3/8 in. dia over-all; wire secured in tip by knurled sleeve nut; Amer Rad Hdwe part no. 145, red; Hickok part/dwg no. 16975-1	ea.	1						1			1	1	1	6
25	E-113	3Z4220-5					PROD, TEST: nickel plated brass tip w/ black plastic handle; 5 in. lg by 3/8 in. dia over-all; wire secured in tip by knurled sleeve nut; Amer Rad Hdwe part no. 145 Black; Hickok part/dwg no. 16975-13	ea.	1						1			1	1	1	6
26	E-114	3F3705-19					PROD, TEST: Army-Navy Test Prod MX-1101/U; HV multiplier to permit measurements of dc voltages up to 5000 v; c/o a resistor in a red phenolic insulated housing, resistor is terminated at 1 end by a nickel plated brass prod and at the other end by a thread bushing for coupling to the regular dc prod, supplied w/ detachable alligator clip; 53.2 meg resistor, rated at 2 w; approx 5/8 in. dia by 5-1/4 in. lg, less detachable alligator clip, 7/8 in. dia collar on prod end; couples to regular dc prod by means of 10-32 internal thread in terminal bushing; Hickok Elec Instr Co part/dwg no. 16975-31	ea.	1						1			1	1	1	6
27	E-115	3F3705-6.4					PROD, TEST: contact tip for dc probe; nickel plated brass tip w/ red plastic insulated handle; 4 in. lg by 7/16 in. dia over-all, sleeve 0.265 in. id; wire secured in tip by knurled sleeve nut; thread sect 1/4 in.-32 by 1/4 in. lg on sleeve; Hickok part no. 16975-21, dwg no. 16975-19	ea.	1						1			1	1	1	6
28	E-116	2Z9401					BOARD, TERMINAL: general purpose insulated terminal; 1 insulated terminal lug; phenolic board; 3/4 in. lg by 3/8 in. w by 1/16 in. thk excluding terminals and mtg lug; one 5/32 in. dia mtg hole; Cinch part no. 1512; Hickok part no. 20350-23, dwg no. 20350-17	ea.	1											1	2
29	F-101	3Z2602.26					FUSE, CARTRIDGE: 2 amp, 250 v; ferrule terminals, glass body; 1-1/4 in. lg by 1/4 in. dia; MIL type F02G2R00A	ea.	1	2				2	9		9	110	60	560
30	H-101	6Z5200-2					HOLDER, BATTERY: locking clamp and contact device for size "D" dry cell; nickel plated brass; 2-3/4 in. lg by 15/16 in. w by 1-5/8 in. h over-all; 2 mtg holes 1/8 in. on 2 in. mtg center; pos contact terminal identified by plus "+" sign; 2 insulated contacts w/ solder lug terminals, latch type locking bar to secure battery in clamp; Johanson no. 280-1-A; Hickok part/dwg no. X-8825-29	ea.	1								1	1	1	6
31	H-102	6L20905-7.4					SCREW, MACHINE: slot drive; fillister head; brass, nickel plated; no. 5-40 NC-2; 0.437 in. lg; thread portion 0.187 in. lg; head 0.140 in. dia by 0.250 in. thk; Hickok part/dwg no. 19050-36, Alt A	ea.	1										6	12
32	H-103	6L20903-3.4					SCREW, MACHINE: slot drive; fillister head; brass nickel plated; no. 3-56 NF-2; 0.175 in. lg, thread portion 0.125 in. lg; head 0.156 in. dia by 0.025 in. thk; dog point; Hickok part/dwg no. 19040-5	ea.	1										6	12
33	H-104	6L31129-13					STUD: brass, nickel plated; 0.687 in. lg by 0.156 in. dia over-all; 1 end thread 5/32 in. lg w/ no. 4-40 NC-2 thread; straight knurl sect 0.250 in. lg by 0.165 in. dia over-all; starting 0.125 in. from end opposite thread, has solder hole 0.375 in. deep by 0.078 in. dia; p/o Hickok Test Lead part/dwg no. 12450-165; Hickok part/dwg no. 19821-13, Alt A	ea.	1										6	12

SIG M8 ITEM NO.	REFERENCE SYMBOL	STOCK NUMBER	PART OF MODEL	ITEM NAME AND DESCRIPTION	UNIT OF ISSUE	QUANTITY USED PER ASSEMBLY	EQUIPMENT MAINTENANCE PARTS	MAINTENANCE: AUTHORIZED ALLOWANCE: ORGANIZATIONAL: 2ND ECHELON	MAINTENANCE: STOCK GUIDE: FIELD: REPAIR SHOPS: 3RD ECHELON 1-4 EQUIP	MAINTENANCE: STOCK GUIDE: FIELD: REPAIR SHOPS: 3RD ECHELON 5-20 EQUIP	MAINTENANCE: STOCK GUIDE: FIELD: REPAIR SHOPS: 4TH ECH 50 EQUIP	MAINTENANCE: STOCK GUIDE: DEPOT: REPAIR SHOP 5TH ECH 100 EQUIP	SUPPLY: STOCK GUIDE: FIELD 50 EQUIP	SUPPLY: STOCK GUIDE: BASE ONE YEAR 100 EQUIP
34	H-105	2Z4928-77		HANDLE: case; steel, nickel plated; 4-3/4 in. lg by 1-15/16 in. w by 1/4 in. thk; 1/4 in. dia steel grip, 4-1/4 in. lg; mounted by no. 18 gauge Hickok part no. 3275-32 steel clamp and four no. 6-32 nuts and lockwashers; folds flat when not in use; Hickck part no. 8330-23, dwg no. 8330-18	ea.	2							1	6
35	H-106	2Z2642.280		CLAMP: handle; steel 18 gauge; nickel plated mounts by 4 weld bolts; 3 in. lg by 1-47/64 in. w by 19/64 in. h over-all; accommodates 1/4 in. dia steel case handle; Hickok part/dwg no. 3275-82	ea.	2							1	6
36	H-107	6Z4920-17		GROMMET: rubber; fits 7/16 in. dia hole; 5/16 in. id by 5/8 in. od by 9/32 in. thk, 1/16 in. groove; Vitalic part no. 3013; Hickok part no. 7850-6	ea.	1					1	1	1	12
37	H-108	6Z4910L		GROMMET: rubber; fits 1 in. dia hole; 5/8 in. id by 1-3/16 in. od by 5/16 in. thk, 1/16 in. groove; Vitalic part no. 3093; Hickok part no. 7850-21	ea.	1					1	1	1	12
38	I-101	2Z5991-144		LIGHT, INDICATOR: w/ lens; 1/2 in. dia red jewel, smooth, frosted in back only; for miniature bayonet base T-3-1/4 lamp; open frame; 2-5/32 in. lg by 15/16 in. od excluding terminals; 11/16 in. mtg hole required, 1/4 in. max thk; socket mounts horizontally, lamp replaceable from front; thread jewel; 2 solder lug terminals located on opposite sides of base at socket; polarized dimmer; Drake Mfg type no. 80; Hickok part/dwg no. X-19350-83	ea.	1					1	1	1	6
39	J-101	2Z3065-87		CONNECTOR, RECEPTACLE: 4 slotted silver plated brass female contacts, polarized; straight type; body 13/16 in. dia by 11/16 in. h excluding mtg nuts, 1-5/32 in. dia incl mtg nuts; nickel plated cylindrical brass body; black bakelite insert molded in body; mounts in 27/32 in. dia panel hole, supplied w/ mtg nuts and lock washer; contact opening no. 1 directly in line w/ locating slot in body; Amphenol type no. 91-PC4F (Position no. 2); Hickok part/dwg no. 3475-5, alt A	ea.	1				1		1	1	6
40	J-102 J-104 J-106	2Z3062-16		CONNECTOR, RECEPTACLE: Navy type no. 491874; 1 round female contact; straight type; 19/32 in. lg by 1/2 in. od excluding terminals; cylindrical, red phenolic body; opening for 3/32 in. dia pin plug; mounts into 3/8 in. dia hole w/ retainer ring; Amphenol type no. 78-1S Red; Hickok part/dwg no. 10300-8	ea.	3				1		1	2	1	12
41	J-103	2Z7111.28		CONNECTOR, RECEPTACLE: Navy type no. 49659; 1 round male contact; straight type; 5/8 in. dia by 7/8 in. lg over-all brass body, cadmium plated; natural phenolic insert; shank 3/8 in.-24 by 11/32 in. lg for mtg in 3/8 in. dia panel hole, 5/8 in.-27 coupling thread; Amphenol part no. PC1M; Hickok part/dwg no. X3475-4, Alt D	ea.	1				1		1	1	6
42	J-104	2Z3062-16		CONNECTOR - Same as J-102										

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								EQUIP EQUIP EQUIP	1-4 EQUIP / 5-20 EQUIP	EQUIP	50 EQUIP	100 EQUIP	50 EQUIP / 100 EQUIP
55	P-102	2Z3024-19		CONNECTOR, PLUG: Navy type 49928; 4 rd male cont; polarized; straight, chrome plated; cylinder; cable opening 0.385 in. max dia; coupling nut 5/8 in.-27; Amphenol no. 91-MC4M	ea.	1			1		1	1	1 / 6
56	P-103	2Z8671.23		CONNECTOR, PLUG: Navy type no. 49660; 1 pressure bead cont; straight type; for single conductor shielded microphone cable; 3/4 in. dia by 1-1/8 in. lg excluding cable spring; chrome plated cylindrical brass body; phenolic insert; 1/4 in. dia cable; 5/8 in.-27 knurled coupling ring; incl coil spring cable protector; Amphenol type no. MC1F; Hickok part/dwg no. 3475-3	ea.	1			1		1	1	1 / 6
57	P-104	2Z7111.23		CONNECTOR, PLUG: 1 round male cont, nickel plated brass 5/32 in. dia by 7/16 in. lg; straight; red phenolic head 25/64 in. dia by 3/8 in. lg; 25/64 in. dia by 51/64 in. lg; irregular shape, red molded phenolic head; will accommodate no. 18 AWG wire; solder connection to wire; Amphenol part no. 71-1S red; Hickok part/dwg no. 16525-29	ea.	1			1		1	1	1 / 6
58	P-105	2Z7111.23.1		CONNECTOR, PLUG: 1 round male cont, nickel plated brass, 5/32 in. dia by 7/16 in. lg; straight; black phenolic head 25/64 in. dia by 3/8 in. lg; 25/64 in. dia by 51/64 in. lg; irregular shape, black molded phenolic head; will accommodate no. 18 AWG wire; solder connection to wire; Amphenol part no. 71-1S black; Hickok part no. 16525-40, dwg no. 16525-29	ea.	1			1		1	1	1 / 6
59	P-201	6Z7598-6		ADAPTER, MOUNTING: couples alligator clip to test prod; brass, nickel plated; approx 13/16 in. lg by 1/4 in. dia over-all; 1 end threaded 1/4 in.-32 other end threaded no. 10-32; Hickok part/dwg no. 16525-95	ea.	1			1		1	1	1 / 6
60	R-101 R-120 R-125	3RC20BF105K		RESISTOR, FIXED: comp; 1 meg ±10%; 1/2 w; F characteristic, 0.406 in. lg by 0.175 in. dia max; insulated, resistant to salt water and humidity; 2 axial wire leads, no. 21 AWG, 1-1/2 in. lg; Spec no. JAN-R-11-3; JAN type RC20BF105K	ea.	3			1		1	2	1 / 12
61	R-102	3RC20BF206J		RESISTOR, FIXED: comp; 20 megohms ±5%; 1/2 w; F characteristic; 0.468 in. max lg by 0.249 in. max dia; insulated, resistant to salt water and humidity; 2 axial wire leads; no. 21 AWG, 1-1/2 in. lg; Spec no. JAN-R-11-3; JAN type RC20BF206J	ea.	1			1		1	1	1 / 6
62	R-103	3Z6840		RESISTOR, FIXED: comp; 40 megohms ±1%; 1 watt; F characteristic; 7/8 in. lg by 21/64 in. dia; insulated, moisture resistant; 2 axial wire leads, 1-1/2 in. lg, no. 20 AWG; polyvinyl chloride insulated sleeve; Wilkor Products, Carbo-film no. CP1; Hickok part no. X-18550-104, dwg no. A592	ea.	1			1		1	1	1 / 6
63	R-104	3RB2-9700		RESISTOR, FIXED: wire-wound; 9.70 ohms ±1%; 1/4 w; body 15/32 in. max lg by 3/4 in. max dia; coating as per no. JAN-R-93, resistant to humidity; 2 radial tab terminals 3/8 in. lg by 0.016 in. min thk; clearance hole thru core for no. 6 screw; Spec no. JAN-R-93; JAN type no. RB10B9R700F	ea.	1			1		1	1	1 / 6
64	R-108	3RC20BF203J		RESISTOR, FIXED: comp; JAN Type #RC20BF203J; 20,000 ohms ±5%; 1/2 w; 0.406 in. lg by 0.175 in. dia; Spec #JAN-R-11-3	ea.	1			1		1	1	1 / 6

65	R-105	3RC30BF275K				RESISTOR, FIXED: comp; 2.7 meg ±10%; 1 w; F characteristic; 0.750 in. lg by 0.280 in. dia max; insulated, resistant to salt water and humidity; 2 axial wire leads no. 20 AWG, 1-1/2 in. lg; Spec no. JAN-R-11; JAN type RC30BF275K	ea.	1					1		1	1	1	6
66	R-106	3RC20BF104J				RESISTOR, FIXED: comp; 100,000 ohms ±5%; 1/2 w; F characteristic; 0.406 in. max lg by 0.175 in. max dia; insulated, resistant to salt water and humidity; 2 axial wire leads no. 21 AWG, 1-1/2 in. lg; Spec no. JAN-R-11-3; JAN type no. RC20BF104J	ea.	1					1		1	1	1	6
67	R-107	3RC30BF335K				RESISTOR, FIXED: comp; 3.3 meg ±10%; 1 w; F characteristic; 0.750 in. max lg by 0.280 in. max dia; insulated, resistant to salt water and humidity; 2 axial wire lead terminals, no. 20 AWG, 1-1/2 in. lg; Spec no. JAN-R-11; JAN type no. RC30BF335K	ea.	1					1		1	1	1	6
68	R-109	3Z7330-32				RESISTOR, VARIABLE: comp; 3000 ohms ±10%; 2 w; 3 solder lug terminals; encl bakelite case w/ metal cover 1-1/16 in. dia by 9/16 in. deep; round metal shaft 1/4 in. dia 3/4 in. lg from mounting surface; linear taper; insulated cont arm, w/o off position; normal torque; mtg bushing 3/8 in. -32 by 3/8 in. lg, non-turn device on 17/32 in. radius at 3 and 9 o'clock; Allen Bradley part no. JU3021-P3048; Hickok part/dwg no. X-16925-101	ea.	1					1		1	1	1	6
69	R-110 R-111	3RC20BF153J				RESISTOR, FIXED: comp; 15,000 ohms ±5%; 1/2 w; F characteristic; 0.406 in. max lg by 0.175 in. max dia; insulated, resistant to salt water and humidity; 2 axial wire leads, no. 21 AWG, 1-1/2 in. lg; Spec no. JAN-R-11-3; JAN type no. RC20BF153J	ea.	2					1		1	2	1	10
70	R-112	3RC20BF335K				RESISTOR, FIXED: comp; 3.3 meg ±10%; 1/2 w; F characteristic; 0.406 in. max lg by 0.175 in. max dia; insulated, resistant to salt water and humidity; 2 axial wire leads, 1.5 in. lg, no. 21 AWG; Spec no. JAN-R-11-3; JAN type no. RC20BF335K	ea.	1					1		1	1	1	6
71	R-113	3RC20BF122K				RESISTOR, FIXED: comp; 1200 ohms ±10%; 1/2 w; F characteristic; body 0.406 in. lg by 0.175 in. dia max; insulated, resistant to salt water and humidity; 2 axial wire leads no. 21 AWG, 1-1/2 in. lg; Spec no. JAN-R-11-3; JAN type no. RC20BF122K	ea.	1					1		1	1	1	6
72	R-114	3RC20BF825K				RESISTOR, FIXED: comp; 8.2 megohms ±10%; 1/2 w; F characteristic; 0.406 in. max lg by 0.175 in. max dia; insulated, resistant to salt water and humidity; 2 axial wire leads no. 21 AWG, 1-1/2 in. lg; Spec no. JAN-R-11-3; JAN type no. RC20BF825K	ea.	1					1		1	1	1	6
73	R-115	3Z6812-10				RESISTOR, FIXED: comp; 12 meg ±1%; 1 w; F characteristic; 7/8 in. lg by 0.325 in. dia; insulated, moisture resistant; 2 axial wire leads; polyvinyl chloride insulating sleeve; Wilkor Products, no. CP 1 Carbofilm; Hickok part no. X-18550-103, dwg no. A592	ea.	1					1		1	1	1	6
74	R-116	3Z6820-11				RESISTOR, FIXED: comp; 20 meg ±1%; 1 w; F characteristic; 7/8 in. lg by 0.325 in. dia; insulated, moisture resistant; 2 axial wire leads; polyvinyl chloride insulating sleeve; Wilkor Products, CP1 Carbofilm; Hickok part no. X-18550-105, dwg no. A592	ea.	1					1		1	1	1	6
75	R-117	3RB4-1500.4				RESISTOR, FIXED: wire-wound; 150 ohms ±1%; 1/4 w max continuous operating temp 105°C; 15/32 in. max lg by 3/4 in. max dia excluding terminals; ceramic body, impregnated, resistant to humidity; 2 solder tab terminals 3/8 in. lg by 0.016 in. min thk; center mtg hole w/ clearance for no. 6 screw; Spec no. JAN-R-93 JAN type no. RB10B150R0F	ea.	1					1		1	1	1	6
76	R-118	3Z6009-10				RESISTOR, FIXED: comp; 90 ohms ±1%; 1/2 w; characteristic F; 5/8 in. lg by 17/64 in. dia; plastic insulated, moisture resistant; 2 axial wire leads; polyvinyl chloride insulated sleeve; Wilkor Prod Carbofilm type no. CP-1/2; Hickok part no. X-18525-354, Dwg no. A592	ea.	1					1		1	1	1	6

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77	R-119 R-143 R-147	3RC20BF222K		RESISTOR, FIXED: comp; 2200 ohms ±10%; 1/2 w; F characteristic; 0.406 in. max lg by 0.175 in. max dia; insulated, resistant to salt water and humidity; 2 axial wire leads, 1.5 in. lg, no. 21 AWG; Spec no. JAN-R-11-3; JAN type no. RC20BF222K	ea.	3						1		1	2	1	12
78	R-120	3RC20BF105K		RESISTOR - Same as R-101													
79	R-121	3Z6806-13		RESISTOR, FIXED: comp; 6 meg ±1%; 1/2 w; F characteristic; 5/8 in. lg by 17/64 in. dia; plastic insulated, moisture resistant; 2 axial wire leads; polyvinyl chloride insulated sleeve; Wilkor Prod Carbofilm type no. CP-1/2; Hickok part no. X-18525-355, dwg no. A592	ea.	1						1		1	1	1	6
80	R-122	3RB3-3000		RESISTOR, FIXED: wire wound; 30 ohms ±1%; 1/4 w at 105°C max continuous operating temp; 15/32 in. lg by 3/4 in. dia max excluding terminals; ceramic body, impregnated, resistant to humidity; 2 radial solder tab terminals 3/8 in. lg by 0.016 in. min thk; center mtg hole w/ clearance for no. 6 screw; Spec no. JAN-R-93; JAN type no. RB10B30R00F	ea.	1						1		1	1	1	6
81	R-123	3Z6090-34		RESISTOR, FIXED: comp; 900 ohms ±1%; 1/2 w; F characteristic; 5/8 in. lg by 17/64 in. dia; insulated, moisture resistant; 2 axial wire leads; polyvinyl chloride insulated sleeve; Wilkor Prod Carbofilm type CP 1/2; Hickok part no. X-18525-353, dwg A-592; Navy type no. 636999-1	ea.	1						1		1	1	1	6
82	R-124	3RC20BF332K		RESISTOR, FIXED: comp; 3300 ohms ±10%; 1/2 w; F characteristic; 0.406 in. lg by 0.175 in. dia max; insulated, resistant to salt water and humidity; 2 axial wire leads, no. 21 AWG, 1-1/2 in. lg; Spec JAN-R-11-3; JAN type no. RC20BF332K	ea.	1						1		1	1	1	6
83	R-125	3RC20BF105K		RESISTOR - Same as R-101													
84	R-126	3Z6801-113		RESISTOR, FIXED: comp; 1.2 meg ±1%; 1/2 w; F characteristic; 5/8 in. lg by 17/64 in. dia; insulated, moisture resistant; 2 axial wire leads; polyvinyl chloride insulated sleeve; Wilkor Prod Carbofilm type no. CP-1/2; Hickok part no. X-18525-356, dwg no. A592; Navy type no. 637000-1	ea.	1						1		1	1	1	6
85	R-127	3RB3-1500.1		RESISTOR, FIXED: wire-wound; 15 ohms ±1%; 1/4 w at 105°C max continous operating temp; 15/32 in. lg by 3/4 in. dia max excluding terminals; ceramic body, impregnated, resistant to humidity; 2 radial solder tab terminals, 3/8 in. lg by 0.016 in. min thk; center mounting hole w/ clearance for no. 6 screw; Spec no. JAN-R-93; JAN type no. RB10B15R00F	ea.	1						1		1	1	1	6
86	R-128	3Z6590-25		RESISTOR, FIXED: comp; 9000 ohms ±1%; 1/2 w; F characteristic; 5/8 in. lg by 17/64 in. dia; insulated, moisture resistant; 2 axial wire leads; polyvinyl chloride insulated sleeve; Wilkor Prod Carbofilm type no. CP-1/2; Hickok part no. X-18525-352, dwg no. A-592; Navy type no. 637001-1	ea.	1						1		1	1	1	6

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98	R-141	3RB1-5000		RESISTOR, FIXED: wire-wound; 0.5 ohms ±1%; 1/2 w at 105°C max continuous operating temp; 1 in. max lg by 27/32 in. max dia excluding terminals; ceramic body, impregnated, resistant to humidity; 2 radial solder tab terminals 3/8 in. lg by 0.016 in. min thk; center mtg hole w/ clearance for no. 6 screw; Spec no. JAN-R-93; JAN type no. RB12BR5000F	ea.	1						1		1	1	1	6
99	R-142	3Z6620-188		RESISTOR, FIXED: comp; 20,000 ohms ±1%; 1/2 w; F characteristic; 5/8 in. lg by 17/64 in. dia; insulated, moisture resistant; 2 axial wire leads; polyvinyl chloride insulated sleeve; Wilkor Prod Carbofilm type no. CP 1/2; Hickok part no. X-18525-360, dwg no. A592	ea.	1						1		1	1	1	6
100	R-143	3RC20BF222K		RESISTOR - Same as R-119													
101	R-144	3Z7410-162		RESISTOR, VARIABLE: comp; 10,000 ohms ±20%; 2 w; 3 solder lug terminals; encl bakelite case w/ metal cover 1-1/16 in. dia by 9/16 in. deep; round metal shaft 1/4 in. dia by 3/4 in. lg from mounting surface; linear taper; insulated contact arm, w/o off position; normal torque; mtg bushing 3/8 in.-32 by 3/8 in. lg, non-turn device on 17/32 in. radius on 3 and 9 o'clock; AB part no. JU1032-P3048; Hickok part/dwg no. X-16925-109	ea.	1						1		1	1	1	6
102	R-145 R-149	3Z7330-31		RESISTOR, VARIABLE: wire-wound; 3000 ohms ±15%; 2 w; 3 solder lug terminals; encl metal case and cover, 1-1/8 in. dia by 15/32 in. deep behind mtg surface; round slotted metal shaft 1/4 in. dia by 3/4 in. lg from mounting surface; linear taper; ground contact arm, w/o off position; normal torque; mtg bushing 3/8 in.-32 by 3/8 in. lg; Wirt type no. WC802; Hickok part/dwg no. X-16925-110	ea.	2						1		1	2	1	10
103	R-146	3RC20BF184J		RESISTOR, FIXED: comp; 180,000 ohms ±5%; 1/2 w; F characteristic; 0.406 in. max lg by 0.175 in. max dia; insulated, resistant to salt water and humidity; 2 axial wire leads, 1.5 in. lg, no. 21 AWG; Spec no. JAN-R-11-3; JAN type no. RC20BF184J	ea.	1						1		1	1	1	6
104	R-147	3RC20BF222K		RESISTOR - Same as R-119													
105	R-148	3RC20BF273K		RESISTOR, FIXED: comp; 27,000 ohms ±10%; 1/2 w; F characteristic; 0.406 in. lg by 0.175 in. dia max; insulated, resistant to salt water and humidity; 2 axial wire leads no. 21 AWG, 1-1/2 in. lg; Spec no. JAN-R-11-3; JAN type no. RC20BF273K	ea.	1						1		1	1	1	6
106	R-149	3Z7330-31		RESISTOR - Same as R-145													
107	R-150	3RC20BF563K		RESISTOR, FIXED: comp; 56,000 ohms ±10%; 1/2 w; F characteristic; 0.406 in. lg by 0.175 in. dia max; insulated, resistant to salt water and humidity; 2 axial wire leads no. 21 AWG, 1-1/2 in. lg; Spec no. JAN-R-11-3; JAN type no. RC20BF563K	ea.	1						1		1	1	1	6

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SIG M8 ITEM NO.	REFERENCE SYMBOL	STOCK NUMBER	PART OF MODEL	ITEM NAME AND DESCRIPTION	UNIT OF ISSUE	QUANTITY USED PER ASSEMBLY	EQUIPMENT MAINTENANCE PARTS	MAINTENANCE AUTHORIZED ALLOWANCE 2ND ECHELON EQUIP	MAINTENANCE AUTHORIZED ALLOWANCE 2ND ECHELON EQUIP	MAINTENANCE AUTHORIZED ALLOWANCE 2ND ECHELON EQUIP	MAINTENANCE STOCK GUIDE ORGANIZATIONAL 3RD ECHELON 1-4 EQUIP	MAINTENANCE STOCK GUIDE FIELD REPAIR SHOPS 3RD ECHELON 5-20 EQUIP	MAINTENANCE STOCK GUIDE FIELD REPAIR SHOPS 3RD ECHELON EQUIP	MAINTENANCE STOCK GUIDE FIELD REPAIR SHOPS 4TH ECH 50 EQUIP	MAINTENANCE STOCK GUIDE DEPOT REPAIR SHOP 5TH ECH 100 EQUIP	SUPPLY STOCK GUIDE FIELD 50 EQUIP	SUPPLY STOCK GUIDE BASE ONE YEAR 100 EQUIP
118	T-101	2Z9613.579		TRANSFORMER, POWER: fil and plate type; pri input 115 v, 50 to 1200 cycles per second, 1 ph; 2 output wound; no. 1 secd 300 v at 25 ma center tapped, no. 2 secd 6.3 v at 2 amp; hermetically sealed metal case; 2-7/8 in. lg by 2-3/4 in. w by 3-1/2 in. h excluding terminals and mtg studs; 6 solder lug terminals same end as mtg; 4 mtg studs no. 8-32 by 15/16 in. lg on 1-7/8 in. by 2 in. mtg center; Chi Trans type no. K2C4-B0, part no. 9195; Hickok part/dwg no. X20800-32, Alt B; Navy type no. 304650	ea.	1						1		1	1	1	6
119	V-101	2J12AU7		TUBE, ELECTRON: twin triode amplr; JAN type no. 12AU7	ea.	1	2					2		8	17	17	167
120	V-102	2J6X4		TUBE, ELECTRON: full wave height vacuum rect; JAN type no. 6X4	ea.	1	2					2		8	17	17	167
121	V-103	2J6AL5		TUBE, ELECTRON: twin diode; JAN type no. 6AL5	ea.	1	2					2		8	17	17	167
122	W-101	3E8000-48.13		LEAD, TEST: microphone cable, 3 conductors no. 22 AWG stranded copper, ea conductor 26 strands no. 34 AWG, 1/64 in. synthetic rubber insulation color coded black-white and red, cotton wrap, 16 in. by 5/34 in. tinned copper shielding, cotton wrap, 1/32 in. black neoprene jacket, 0.290 in. od; 48 in. lg; special diode probe assembly on 1 end and Amphenol no. MC4F microphone connector on other end; Hickok part no. X-16970-18, dwg no. 16970-18	ea.	1								1	2	1	8
123	W-102	3E8000-44.2		LEAD, TEST: microphone cable, 1 stranded rubber insulated copper conductor no. 22 AWG, 7 strands no. 30 AWG, cotton wrap, neoprene jacket, tinned copper shield, 48 in. lg excluding terminal; Hickok no. 16975-21 prod on 1 end, Amphenol type no. MC1F microphone connector on other end; 3.3 meg isolating resistor in prod; Hickok part no. X-3030-46, dwg no. 3030-29	ea.	1								1	2	1	8
124	W-103	3E8000-48.1		LEAD, TEST: 1 copper conductor no. 18 AWG stranded, 41 strands no. 34 AWG, paper wrapped 1/32 in. red rubber insulated; 4 ft lg incl terminal; Amer Rad Hdwe part no. 145 red test prod on 1 end and Amphenol part no. 71-1S red tip plug on other end; Hickok part/dwg no. X-12450-152	ea.	1								1	2	1	8
125	W-104	3E8000-48		LEAD, TEST: 1 copper conductor no. 18 AWG stranded, 41 strands no. 34 AWG, paper wrapped, 1/32 in. black rubber insulated; 4 ft lg incl terminal; Amer Rad Hdwe part no. 145 black test prod on 1 end and Amphenol part no. 71-1S black tip plug on other end; Hickok part no. X-12450-153	ea.	1								1	2	1	8
126	W-105	3E8000-5.1		LEAD, TEST: one no. 18 AWG stranded copper rubber insulated cond, 41 strands no. 34 AWG, paper wrapped 1/32 in. black insulated; approx 3-1/4 in. lg excluding terminal; Mueller Elec type no. 60 black insulated alligator clip on 1 end, Hickok part no. 19821-13 no. 4-40 thread terminal stud on other end; Hickok part/dwg no. X-12450-165, Alt A	ea.	1								1	2	1	8

127	W-106	3E7350.1-84.7					CABLE ASSEMBLY, POWER: UL type SJ, two no. 18 AWG stranded conductor, 300 v working, cotton wrap rubber insulated, cotton filler, cotton braid, rubber jacket, color coded black and white; 7 ft lg incl terminations; 2 contact male rubber appliance plug Corwire no. 52R molded on 1 end, other end stripped 3/4 in. and tinned, molded rubber strain relief Corwire no. 20 attached 3 in. from stripped end; Corwire part no. X-3675-9; Hickok part/dwg no. X-3675-9	ea.	1								1	1	1	6
128	W-107	*1B818.175					WIRE, ELECTRICAL: insulated, 0.140 in. od over-all; 1 conductor no. 18 AWG; tinned copper; stranded, 65 strands no. 36 AWG; cotton wrap, rubber insulation, 0.043 in. thk; rated 5000 v; color coded black; Belden part no. 8899; Hickok part no. 23900-288	ft.	4.5											
129	W-108	*1B818.151					WIRE, ELECTRICAL: insulated, 0.140 in. od over-all; 1 conductor no. 18 AWG; tinned copper; stranded, 65 strands no. 36 AWG; cotton wrap, rubber insulation, 0.043 in. thk; rated 5000 v; color coded red; Belden part no. 8899; Hickok part no. 23900-289	ft.	4											
130	W-109	*1B3022-1					CABLE, SPECIAL PURPOSE: microphone; one no. 23 AWG stranded copper conductor, tinned copper weld strands, steel core; 7 strands no. 31 AWG; synthetic insulation; tinned copper braid shield, celanese serve, rubber jacket; 0.250 in. od 4 ft lg; Essex Wire no. S-1115-W; Hickok part no. 3025-27	ft.	4											
131	W-110	*1B3022-3.2					CABLE, SPECIAL PURPOSE: microphone; 3 conductors no. 22 AWG stranded copper ea conductor; 26 strands no. 34 AWG; 1/64 in. synthetic rubber insulation, color-coded black, white and red; cotton wrap, tinned copper braid shielding, cotton wrap, 1/32 in. black neoprene jacket; 0.290 in. od; Belden no. 8423-250; Hickok part no. 3025-33	ft.	4											
132	X-101	2Z8679.30					SOCKET, TUBE: 9 miniature contact; 1 piece saddle mtg; 2 mtg holes 1/8 in. dia on 1-1/8 in. mtg center; cylindrical, mica filled phenolic body, 47/64 in. max dia by approx 1/4 in. h excluding terminal; copper alloy contact, silver plated; incl center shield 0.180 in. od and metal shock shield base; spec no. JAN-S-28A, JAN type no. TSE9T101	ea.	1								1	1	1	6
133	X-102	2Z8677.94					SOCKET, TUBE: 7 contact miniature; brass saddle, top mtg; 2 mtg holes 1/8 in. dia on 7/8 in. mtg center; round mica filled phenolic body 5/8 in. dia by 7/16 in. h excluding terminal and shield; beryllium copper, silver plated contact; w/ metal shock shield base, w/ center shield 0.180 in. id; Spec no. JAN-S-28A; JAN type no. TSE7T101	ea.	1								1	1	1	6
134	X-103	2Z8657-3					SOCKET, TUBE: 7 min cont; retainer ring mtg; 11/16 in. dia by 13/32 in. lg; no shock shield; center shield for ground; Amphenol no. 78-7P1; Navy type 49477A	ea.	1								1	1	1	6

*NOT FURNISHED AS A MAINTENANCE PART

CROSS-REFERENCE BETWEEN MARINE CORPS STOCK NUMBER AND SIG M8 ITEM NUMBER

MARINE CORPS STOCK NUMBER	SIG M8 ITEM NUMBER
1B818.151	129
1B818.175	128
1B3022-1	130
1B3022-3.2	131
2J1N34	14
2J1N43	13
2J6AL5	121
2J6X4	120
2J12AU7	119
2Z1409-199	53
2Z2642.280	35
2Z3024-19	55
2Z3062-16	40
2Z3065-87	39
2Z4928-77	34
2Z5573.9	43
2Z5821-139	17
2Z5821-140	18
2Z5952	15
2Z5991-144	38
2Z7111.23	57
2Z7111.23.1	58
2Z7111.28	41
2Z8304.275	21
2Z8304.277	22
2Z8657-3	134
2Z8671.23	56
2Z8677.94	133
2Z8679.30	132
2Z8877.429	52
2Z9401	28
2Z9613.579	118
3A30	5
3DA50-292	6
3DA50-389	10
3DB10-62	11
3E7350.1-84.7	127
3E8000-5.1	126
3E8000-44.2	123
3E8000-48	125
3E8000-48.1	124
3E8000-48.13	122
3F3324-9	1
3F3299-9.3	46
3F3705-6.3	16
3F3705-6.4	27
3F3705-19	26
3G330-6	51
3G2259-1.1	4
3K2047121	9
3K3010221	7
3K3547221	8
3RB1-5000	98
3RB2-1500	93
3RB2-3000	89
3RB2-9700	63
3RB3-1500.1	85
3RB3-3000	80
3RB4-1500.4	75
3RC20BF104J	66
3RC20BF105K	60
3RC20BF122K	71
3RC20BF152J	92
3RC20BF153J	69
3RC20BF184J	103
3RC20BF203J	64
3RC20BF206J	61
3RC20BF222K	77
3RC20BF223K	96
3RC20BF273K	105
3RC20BF274K	108
3RC20BF332K	82
3RC20BF335K	70
3RC20BF392K	87
3RC20BF563K	107
3RC20BF825K	72
3RC30BF275K	65
3RC30BF333K	97
3RC30BF335K	67
3Z770-12.14	23
3Z770-22.1	20
3Z1087-8.1	49
3Z1087-15	47
3Z2602.26	29
3Z3285-2.1	19
3Z3345-5	114
3Z4220-5	25
3Z4220-5.1	24
3Z5999-13	94
3Z6009-10	76
3Z6090-34	81
3Z6590-25	86
3Z6620-188	99
3Z6660-48	95
3Z6690-14	90
3Z6712-37	91
3Z6760-16	88
3Z6801-113	84
3Z6806-13	79
3Z6812-10	73
3Z6820-11	74
3Z6840	62

MARINE CORPS STOCK NUMBER	SIG M8 ITEM NUMBER
3Z6853B2	109
3Z7330-31	102
3Z7330-32	68
3Z7410-162	101
3Z9825-19.3	110
3Z9825-58.174	115
3Z9863-12A	116
3Z9863-52R	117
3Z9903E-30.4	111
3Z9903E-30.5	112
3Z9903E-30.6	113
6F500-17	3
6L20903-3.4	32
6L20905-7.4	31
6L31129-13	33
6Z4910L	37
6Z4920-17	36
6Z5200-2	30
6Z7560-5	54
6Z7598-6	59
6Z8093-5	48

CROSS-REFERENCE BETWEEN MARINE CORPS STOCK NUMBERS AND SIG M8 ITEM NUMBERS

STOCK NUMBER	SIG M8 ITEM NUMBER
3Z7330-31	91
3Z7330-32	60
3Z7410-162	90
3Z9825-19.3	97
3Z9825-58.174	102
3Z9863-12A	103
3Z9863-52R	104
3Z9903E-30.4	98
3Z9903E-30.5	99
3Z9903E-30.6	100
6F500-17	1
6L20903-3.4	28
6L20905-7.4	27
6L31129-13	29
6Z4910L	33
6Z4920-17	32
6Z5200-2	26
6Z7560-5	46
6Z7598-6	51
6Z8093-5	41